#H 9.16.03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

& nada PPLICANT(S):

E. Nakashio et al.

ATTORNEY DOCKET NO.: 09792909-5084

SERIAL NO.:

09/897,236

GROUP ART UNIT:

2653

DATE FILED:

July 2, 2001

**EXAMINER:** 

Allen J. Heinz

INVENTION:

A MAGNETIC TUNNEL EFFECT TYPE MAGNETIC HEAD HAVING A MAGNETIC TUNNEL JUNCTION ELEMENT SANDWICHED WITH CONDUCTIVE GAP LAYERS BETWEEN

A PAIR OF MAGNETIC SHIELDING LAYERS

## **SUBMISSION OF CORRECTED DRAWINGS**

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attn.: Official Draftsperson

RECEIVED

AUG 1 9 2003

Technology Center 2600

SIR:

In response to the Office Action dated March 12, 2003, Applicants herewith submit corrected drawing Figures 1 and 2.

Respectfully submitted,
SONNENSCHEIN NATH & ROSENTHAL
Attorneys for Applicant

Dated: August 12, 2003

David Rozenblat Reg. No. 47,044

SONNENSCHEIN NATH &
ROSENTHAL
P.O. Box 061080

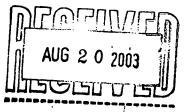
P.O. Box 061080
Wacker Drive Station, Sears Tower
Chicago, IL 60606-1080

Attorney Customer Number: 026263

Phn: (312) 876-2578 Fax: (312) 876-7934 **CERTIFICATE OF MAILING** 

I hereby certify that this correspondence is being deposited as First Class Mail with the United States Postal Service with sufficient postage in an envelope addressed to: Commissioner for Patents, P.Q. Box 1450. Alexandria, VA 22313-1450 on

Roxanne M. Swartz



2653\$

## **TRANSMITTAL**

(to be used for all correspondence after initial filing) Total Number of Pages in This Submission | 15

Application Number	09/897,236 V	1
Filing Date	July 2, 2001	]
First Named Inventor	E. Nakashio et al.	l
Group Art Unit	2653 <b>H</b> EC.	MED
Examiner Name	Allen J. Heinz	
Attorney Docket Number	9792909-5084 AUG 1 9	2003

er 2600

								Technology Cer	
					ENCLOSURE	S (check a	ll that apply)	, , , , , , , , , , , , , , , , , , , ,	
	Transmitted herewith is Response to March 12, 2003 Office Action; Submission of Corrected Drawings and Revised Figures 1 and 2 (1 page).								
	$\boxtimes$	The fee has been calculated as shown below:							
		(I)) OR	(2)· CLAIMS REMAINING AFTER AMENDMENT	<b>(3)</b>	(4) HIGHEST NO. PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEE	
	TOTAL CLAIM		4	,	20	0	☐ x \$9.00 ☐ x \$18.00	\$0	
	INDEPI CLAIM	ENDENT S	2	-	3	0	☐ x \$42.00 ☐ x \$84.00	\$0	
			APPLICATION AMEN ANY MULTIPLE DEPE PREVIOUSLY PAID FO	NDEN		☐ YES 🛛 NO	☐ x \$140.00 ☐ x \$280.00 ONE TIME	\$0	
						TOTAL ADDITION FOR THIS AMEN		\$0	
	Applicant petitions the Commissioner for Patents to extend the time for responding to the Office Action dated March 12, 2003 by 2 month(s) for a fee of \$410.00 so that the period for response is extended to August 12, 2003 under 37 C.F.R. § 1.321.								
The amount of \$ for the Terminal Disclaimer under 37 C.F.R. § 1.321 is included in the enclosed check.									
The amount of \$ for the Amendment under 37 C.F.R. § 1.312(b) is included in the enclosed check.									
	The enclosed credit card payment form to charge the amount of \$410.00 covers the extension fee.								
	$\boxtimes$		mmissioner is hereby rpayment to Account					required, or to credit	
			SIGNATUR	E OF	APPLICANT, ATT	ORNEY, OR A	GENT		
14.  ☐ Customer No. 26263									
Da	ted: <u>Au</u>	gust 12, 2	2003		David I	Rozenblat (Regis	stration No. 47	',044)	

**CERTIFICATE OF MAILING** 

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Dated: August 12, 2003

Roxanne M. Swartz

08/18/2003 SHINASS1 00000030 09897236

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